

**SERVICE INTERFACE FOR QoS-DRIVEN HPNA NETWORKS****Abstract of the Invention**

An out-of-band signaling model media control (MC) terminal for an HPNA network includes a QoS management entity (QME) and an admission control entity (ACE) and provides end-to-end QoS by passing the QoS requirements from higher layer to the lower layers of the HPNA network. The QME receives an end-to-end QoS message characterizing a session for a user application. The ACE performs an admission control decision relating to the session based on the end-to-end QoS message characterizing the QoS stream. A resource control module, when part of the ACE, performs at least one admission control decision relating to the session based on a resource permission, and a policy control module, when part of the ACE, performs at least one admission control decision relating to the session based on a policy permission.